

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052316

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02B29/08 F02D41/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02B F02D G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 521 545 A (GENERAL MOTORS CORP) 7 January 1993 (1993-01-07) abstract; figures	1-3,9,10
Y	column 2, line 4 - column 3, line 20	4-7
A	column 5, line 25 - line 47	8
	column 6, line 28 - column 8, line 32	
Y	DE 199 50 222 A (ROBERT BOSCH GMBH) 26 April 2001 (2001-04-26) abstract; figures	4-7
	column 1, line 57 - column 3, line 8	
A	column 4, line 23 - column 5, last line	1-3,8-10
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

10 January 2005

Date of mailing of the international search report

18/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0111, no. 55 (M-589), 20 May 1987 (1987-05-20) -& JP 61 286521 A (MAZDA MOTOR CORP), 17 December 1986 (1986-12-17) abstract; figures -----	1-10
A	US 2003/177844 A1 (SCHNAIBEL EBERHARD ET AL) 25 September 2003 (2003-09-25) abstract; figures page 1, paragraph 30 - page 2, paragraph 36 -----	1,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

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